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| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | | | 1. CONTRACT ID CODE | PAGE 1 | OF PAGES 4 | |
| 2. AMENDMENT/MODIFICATION NO. 2 | | 3. EFFECTIVE DATE 04/08/2011 | | 4. REQUISITION/PURCHASE REQ. NO. NM-11-01307 | | 5. PROJECT NO. (If applicable) | |
| 6. ISSUED BY Federal Aviation Administration Acquisition Management Branch, ANM-53A 1601 Lind Ave SW Renton WA 98055 | | | | 7. ADMINISTARTED BY (If other than Item 6) | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) | | | | <input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. DTFANM-11-R-00079 | | | |
| | | | | 9B. DATED (SEE ITEM 11) 03/09/2011 | | | |
| | | | | <input type="checkbox"/> 10A. MODIFICATION OF CONTRACT/ORDER NO. | | | |
| *TO BE COMPLETED BY VENDOR IF NOT COMPLETE CODE | | | | 10B. DATED (SEE ITEM 13) | | | |
| FACILITY CODE | | | | | | | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | | | |
| <input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer is <input type="checkbox"/> extended <input checked="" type="checkbox"/> is not extended. | | | | | | | |
| Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation on as amended, by one of the following methods: | | | | | | | |
| (a) By completing Item 8 and 15, and returning <u>1</u> copies of the amendment; (b) acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hours and date specified. | | | | | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) | | | | | | | |
| 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. | | | | | | | |
| A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A. | | | | | | | |
| <input type="checkbox"/> | | | | | | | |
| B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation data, etc.) SET FORTH IN ITEM 14. | | | | | | | |
| <input type="checkbox"/> | | | | | | | |
| C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | | | | | | | |
| <input type="checkbox"/> | | | | | | | |
| D. OTHER (Specify type of modification and authority) | | | | | | | |
| <input type="checkbox"/> | | | | | | | |
| E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office. | | | | | | | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Please see attached. | | | | | | | |
| | | | | | | | |
| Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect. | | | | | | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Angela Mihalek | | | |
| 15B. CONTRACTOR/OFFEROR | | 15C. DATE SIGNED | | 16B. UNITED STATES OF AMERICA | | 16C. DATE SIGNED | |
| (Signature of person authorized to sign) | | | | BY (Signature of Contracting Officer) | | | |

INSTRUCTIONS

Instructions for items other than those that are self-explanatory, are as follows:

(a) Item 1 (Contract ID Code). Insert the contract type identification code that appears in the title block of the contract being modified.

(b) Item 3 (Effective date).

(1) For a solicitation amendment, change order, or administrative change, the effective date shall be the issue date of the amendment, change order, or administrative change.

(2) For a supplemental agreement, the effective date shall be the date agreed to by the contracting parties.

(3) For a modification issued as an initial or confirming notice of termination for the convenience of the Government, the effective date and the modification number of the confirming notice shall be the same as the effective date and modification number of the initial notice.

(4) For a modification converting a termination for default to a termination for the convenience of the Government, the effective date shall be the same as the effective date of the termination for default.

(5) For a modification confirming the contracting officer's determination of the amount due in settlement of a contract termination, the effective date shall be the same as the effective date of the initial decision.

(c) Item 6 (Issued By). Insert the name and address of the issuing office. If applicable, insert the appropriate issuing office code in the code block.

(d) Item 8 (Name and Address of Contractor). For modifications to a contract or order, enter the contractor's name, address, and code as shown in the original contract or order, unless changed by this or a previous modification.

(e) Items 9, (Amendment of Solicitation No.- Dated), and 10, (Modification of Contract/Order No.- Dated). Check the appropriate box and in the corresponding blanks insert the number and date of the original solicitation, contract, or order.

(f) Item 12 (Accounting and Appropriation Data). When appropriate, indicate the impact of the modification on each affected accounting classification by inserting one of the following entries:

(1) Accounting classification
Net increase \$ _____

(2) Accounting classification
Net decrease \$ _____

NOTE: If there are changes to multiple accounting classifications that cannot be placed in block 12, insert an asterisk and the words "See continuation sheet."

(g) Item 13. Check the appropriate box to indicate the type of modification. Insert in the corresponding blank the authority under which the modification is issued. Check whether or not contractor must sign this document.

(h) Item 14 (Description of Amendment/Modification).

(1) Organize amendments or modifications under the appropriate Uniform Contract Format (UCF) section (if UCF used) headings from the applicable solicitation or contract. The UCF table of contents, however, shall not be set forth in this document.

(2) Indicate the impact of the modification on the overall total contract price by inserting one of the following entries:

(i) Total contract price increased by \$ _____

(ii) Total contract price decreased by \$ _____

(iii) Total contract price unchanged.

(3) State reason for modification.

(4) When removing, reinstating, or adding funds, identify the contract items and accounting classifications.

(5) When Template 11 is used to reflect a determination by the contracting officer of the amount due in settlement of a contract terminated for the convenience of the Government, the entry in Item 14 of the modification may be limited to -

(i) A reference to the letter determination; and

(ii) A statement of the net amount determined to be due in settlement of the contract.

(6) Include subject matter or short title of solicitation/contract where feasible.

(i) Item 16B. The contracting officer's signature is not required on solicitation amendments. The contracting officer's signature is normally affixed last on supplemental agreements.

Amendment No. 0002 is to provide answers to questions submitted by potential offerors:

1. On drwg. entitled "Partial Basement Plan" Note 1. states "Replace all piping, fittings, and valves from the air handling unit branch shutoff valves to units." The drwg does not clearly indicate where the branch shutoff valves are - please clarify.

Answer) All of the shut-off valves are located below the raised floor and within 50 feet of each of the serviced AHU.

2. On drwg. entitled "Mechanical Schedule and Details" Note 1. for the AHU Condensate Drain Detail states "Material shall be Type L Copper." And Note 1. for the Details 3 and 4 states, "Pipe fittings 2" and smaller shall be threaded fittings." Copper tubing and fittings are not threaded. Please clarify.

Answer) Type L copper is required for the AHU condensate drains. Detail 2 is the Drain Detail and note 1 of that detail refers to the copper piping requirement. Details 3 and 4 show the water pressure piping servicing the AHU's. Note 1 requiring fittings 2 inches and smaller refers to this piping.

3. Please confirm if the supply CWS and HWS valves are to be Gate or Ball Valves. It is a little unclear by reading the spec.

Answer) Please refer to Specification Section 15110-Paragraph 3.7 (Index of Systems and Services) and Paragraph 3.9 (Valve Table 2). The specs indicate that the valves are to be selected from Table 2 for the CWS, CWR, HWS, and HWR systems. Ball valves are to be used. Gate valves are only allowed on the cold water and hot water services.

4. The scope of work says to replace electrical conduit and wire as necessary, the conduit from the existing air handlers units back to the MCC's have die cast fitting on them, the new spec section 16100 2.1 (c) states that all fittings will be steel compression type - if we reuse the existing conduit do all the fittings need to be replaced?

Answer) The electrical fittings do not have to be replaced in the existing conduit runs IF they are the compression type. If they are the set screw type, then they have to be replaced. The existing conduit system can be re-used if and only if it meets the requirements of the AHU electrical service.

5. Can we reuse the existing duct detectors and wiring?

Answer) No, new duct detectors and associated wiring are to be furnished per specs.

6. Will the Duct detectors just shut down the unit they are on or do all the units need to shut down in the event one of the units detects smoke?

Answer) Each duct detector is to shut down the AHU it is associated with.

7. Who maintains the existing Fire Alarm System now - can we get a point of contact and phone number?

Answer) The fire alarm system is maintained by the Environmental Support Unit. The point of contact there is Mr. John Nelson@303-651-4429.

8. Are the existing tubs in the MCC's that control these (3) units OK to reuse?

Answer) The existing tubs in the MCC's may be re-used providing the final configuration meets the National Electrical Code and FAA Electrical requirements.

9. Are the motor control centers to remain "as it"?

Answer) The MCC buckets are to be re-used. They house only the circuit breakers. Motor control takes place at the AHUs. AHUs are controlled by the CSI system in the CCMS room, so additional control systems are not required. The breakers appear to be in good condition and may be suitable for re-use if they meet the requirements of the installation, NEC, FAA-1217F, Arc-Fault, etc. RE will make final decision.

10. What is the current rating of the existing circuit breakers (Interrupting rating & amperage rating)?

Answer) 480V; 75C; 25amp adjustable trip

11. What is the breaker size of the existing breakers (the catalog number listed on the breaker)?

Answer) TED134025 (GE, I think)

12. Per the notes on the one-line, we are to provide a shunt trip breaker. Are the existing breakers shunt trip?

Answer) No, the shunt trip was manually switched, but is now disconnected.

12. Where is the EPO switch located for the shunt trip? Is this EPO switch existing or new?

Answer) There are two existing manually operated Emergency Power Off mushroom switches located at Door 49 and Door 50. These have been disconnected, however. If the duct-mounted smoke detectors operate as expected, the EPOs may not be required unless our safety officer says otherwise.

13. Can the existing conduit and wiring be reused if it is the appropriate size for the new AHU's?

Answer) Existing conduit and wiring may be re-used, provided they meet the requirements of the NEC and FAA Specification 1217F. Conduits must be a minimum of 3/4" rigid. EMT may be used in dry locations but must use compression fittings -- NO SETSCREWS. Existing wiring is #10 THHN. It appears to be in good condition and may prove servicable but will require inspection and approval by RE.